

Abstract

A nonhalogenated flame resistant cable that has excellent flexibility and abrasion resistance, exhibiting 5 fusion bonding capability to mold materials, such as PBT and nylon, and excellent flame resistance, preferably having striking wear and abrasion resistance. In particular, there is provided a nonhalogenated flame resistant cable characterized in that it includes an insulating wire, an 10 inner sheath and an outer sheath, the inner sheath comprised of a polyolefin resin or a resin composition composed mainly of the resin, the outer sheath comprised of a product of crosslinking of a mixture of thermoplastic polyurethane elastomer and thermoplastic polyester elastomer or a resin 15 composition composed mainly of the mixture, the outer sheath containing at least one flame retardant selected from among metal hydroxides and nitrogenous flame retardants in an amount of 3 to 35 parts by weight per 100 parts by weight of the crosslinking product of resin composition. Further, 20 there is preferably provided a nonhalogenated flame resistant cable wherein the inner sheath contains a specified flame retardant in an amount of specified range.